CERAMIC CARRIER AND CERAMIC CATALYST BODY

ABSTRACT OF THE DISCLOSURE

The present invention provides a ceramic carrier and a ceramic catalyst which have NOx absorbent capacity, low heat capacity, low pressure loss and high practical value.

According to the present invention, defects are formed by substituting a part of the constituent elements of cordierite with elements which have NOx absorbent capacity, thereby to form a multitude of pores that are capable of directly supporting a catalyst component on the ceramic surface and a ceramic carrier having NOx absorbent capacity is obtained. Since it is not necessary to form a γ-alumina coating layer, a NOx storage-reduction catalyst having small heat capacity and low pressure loss can be obtained.